FIG. 1.

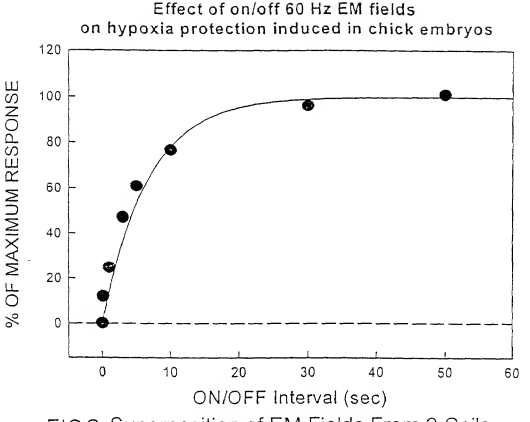


FIG.2. Superposition of EM Fields From 2 Coils
(Equal Field Amplitudes; Alternate on/off Times)
Solid Line = Coil A Dotted line = Coil B

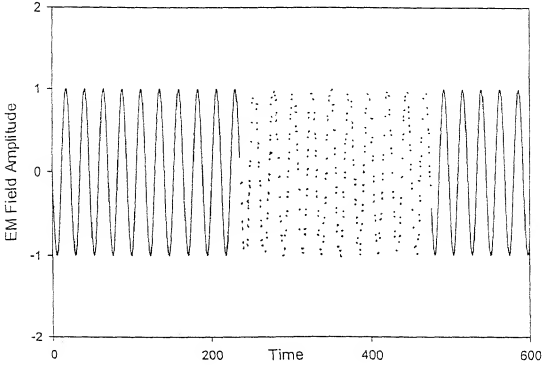


FIG. 3. Superposition of EM Fields From 2 Coils
(Unequal Field Amplitudes; Alternate on/off Times)
Light Solid Line = Coil A Dark Solid Line = Coil B

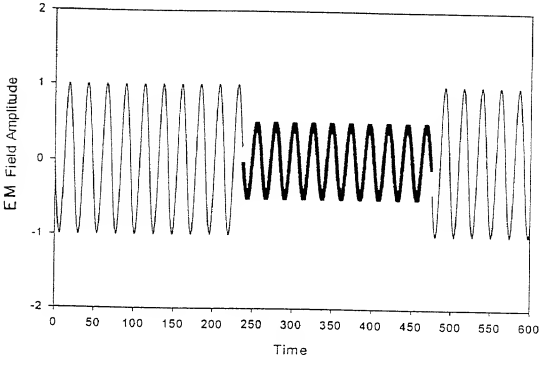


FIG. 4. EM Fields of Helmholtz Coils And A Single Coil Plotted As A Function of Depth Into The Tissue

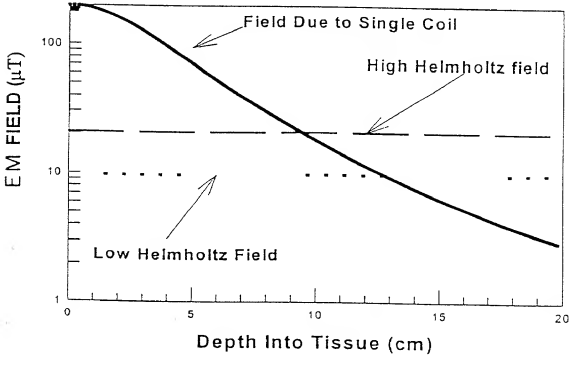


FIG.5. FOCUSING EFFECT OF TWO ALTERNATELY PULSING EM FIELDS

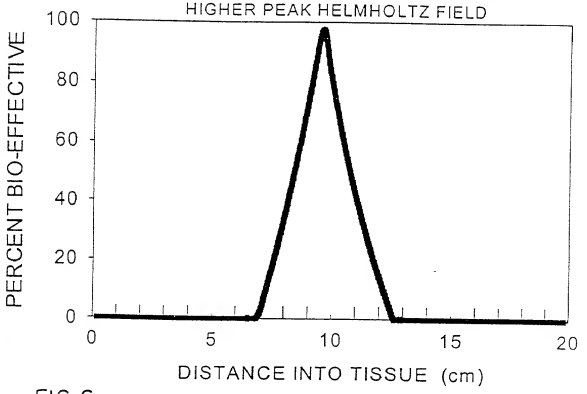
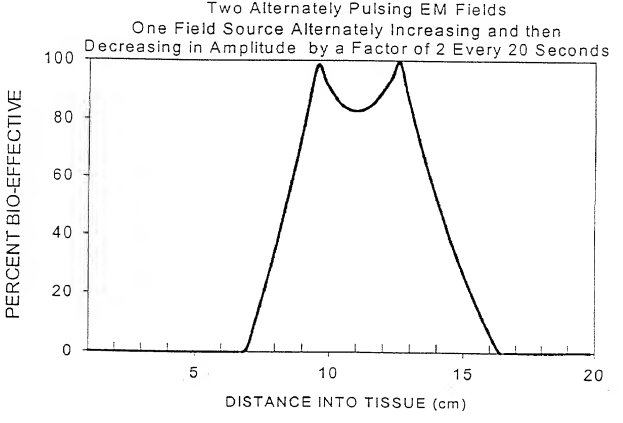


FIG.6. BROADER FOCUS REGION FROM



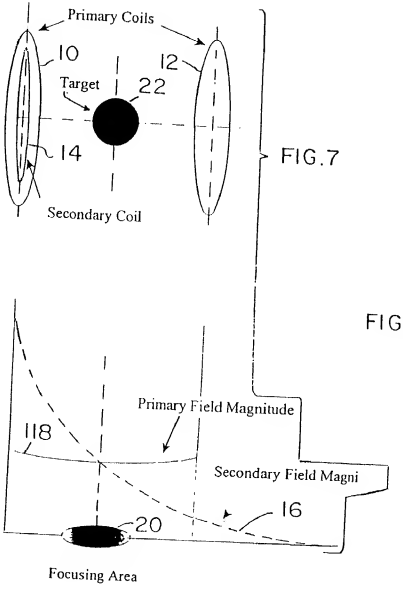

Primary Coils
10
12
Target
22
14
Secondary Coil
Primary Field Magnitude
118
Secondary Field Magni
16
20
Focusing Area

FIG.7

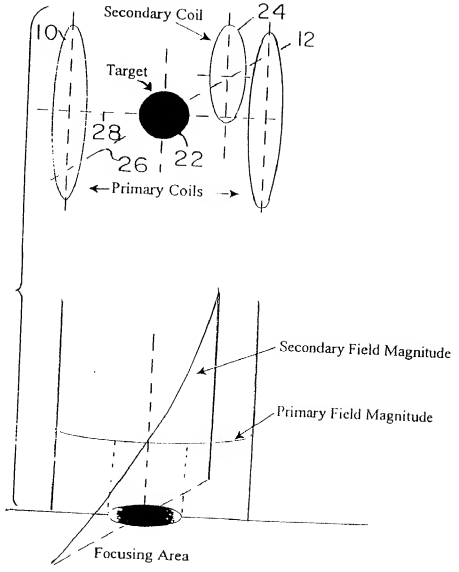

Secondary Coil
24
10
12
Target
28
26
22
Primary Coils
Secondary Field Magnitude
Primary Field Magnitude
Focusing Area

FIG.8

FIG.9.

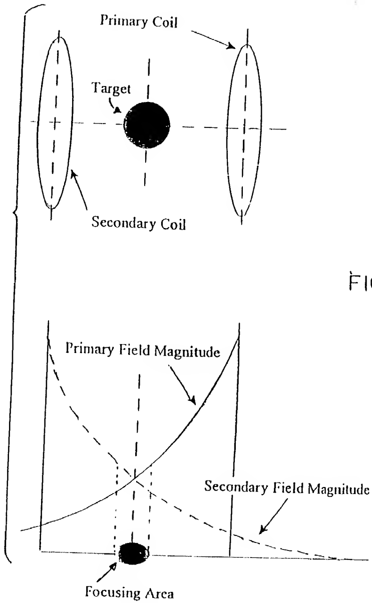

Primary Coil
Target
Secondary Coil
Primary Field Magnitude
Secondary Field Magnitude
Focusing Area

FIG.10.

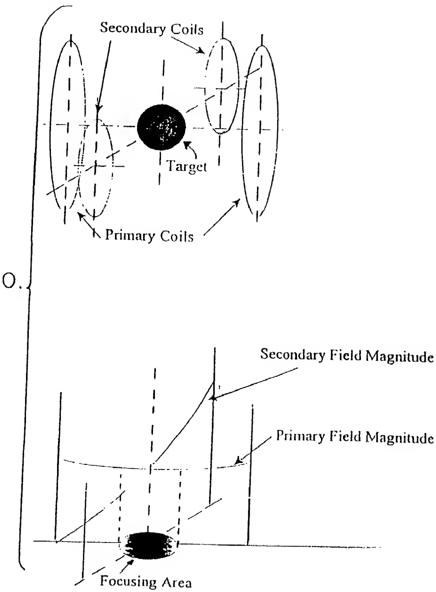

Secondary Coils
Target
Primary Coils
Secondary Field Magnitude
Primary Field Magnitude
Focusing Area

FIG.12.

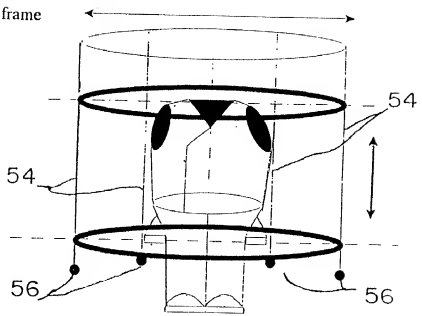


FIG.11.

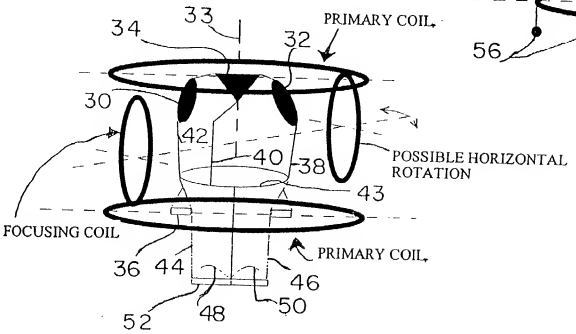
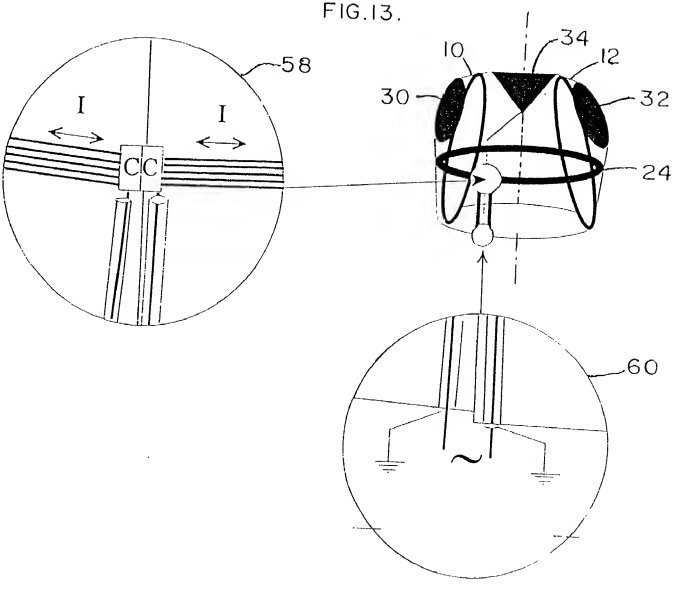


FIG.13.



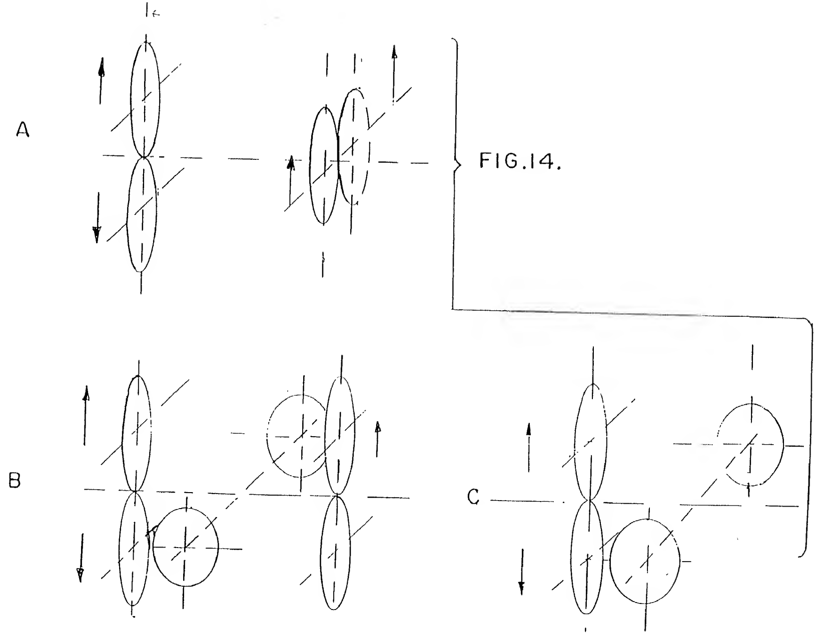
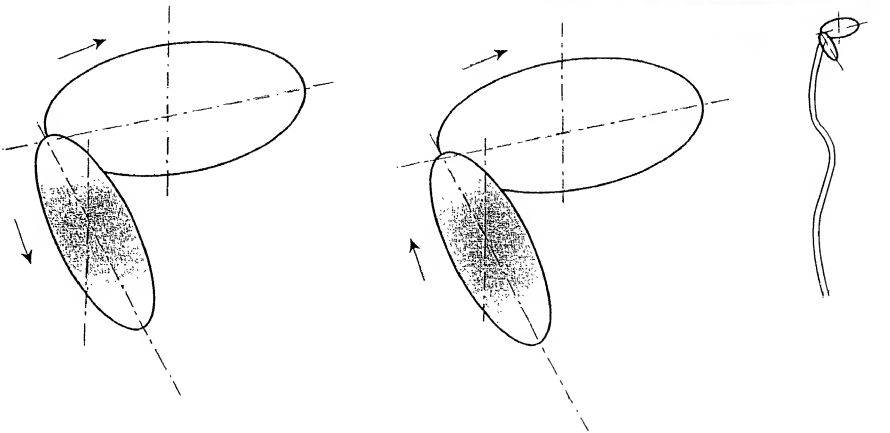


FIG.14.

FIG. 15. Complex Devices example #5



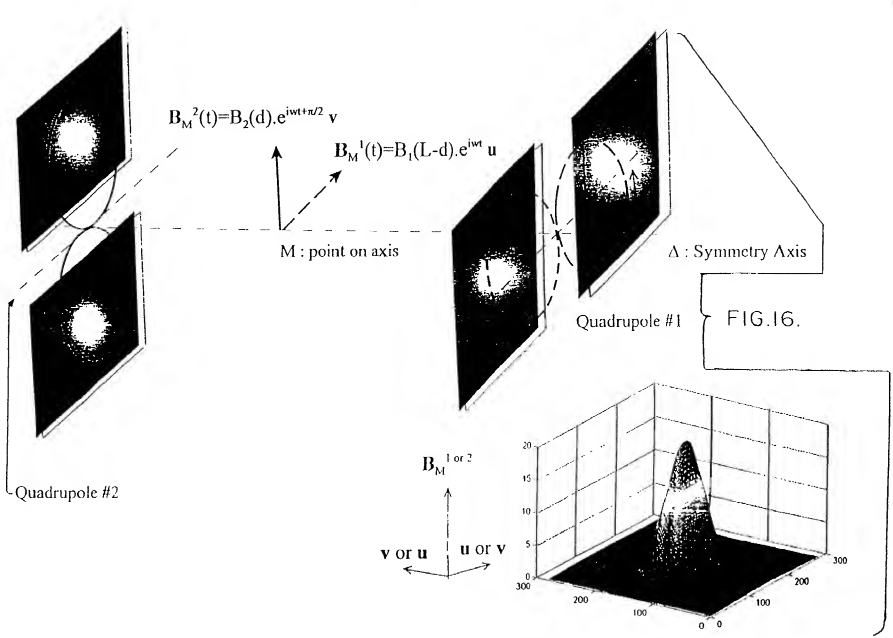
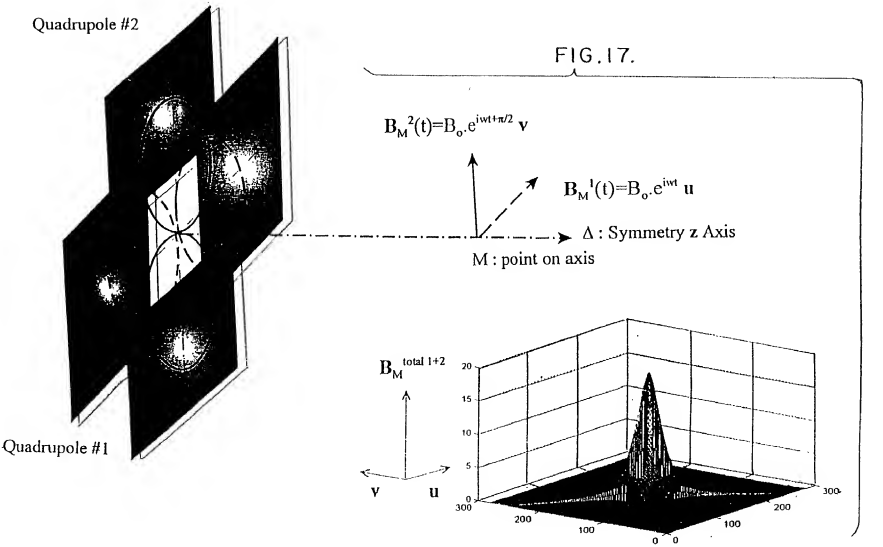


FIG.16.

FIG.17.



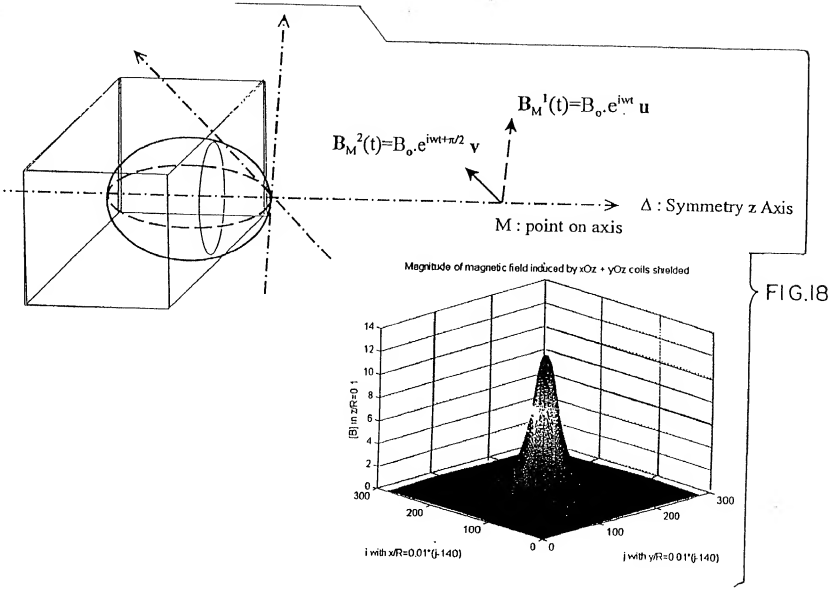

$B_M^1(t)=B_o.e^{iwt}$ u
$B_M^2(t)=B_o.e^{iwt+\pi/2}$ v
Δ : Symmetry z Axis
M : point on axis
Magnitude of magnetic field induced by xOz + yOz coils shielded
[B] in zR=0.1
14
12
10
8
6
4
2
0
300
200
100
0
0
100
200
300
i with x/R=0.01*(i-140)
j with y/R=0.01*(j-140)

FIG.18.